## REMARKS

Claims 1 – 21 are now pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the remarks contained herein.

## REJECTION UNDER 35 U.S.C. § 102 AND § 103

Claims 1 – 4, 6 – 7, 10, 12 – 16, 17, and 19 – 21 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Olds et al. (U.S. Pat. No. 6,691,274). Claims 5, 8 – 9, 11, 16, and 18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Olds et al. (U.S. Pat. No. 6,691,274) in view of Campanella (U.S. Pat. No. 5,835,487). These rejections are respectfully traversed.

The Examiner states that Olds discloses a method of transmitting data comprising "a forward link including... packet compressing [a] first data stream to maintain the data header while compressing the data payload..." Applicants first submit that Olds discloses a method for *error coding* both a data header *and* a data payload together. The error coding operation of Olds does not including a *compressing* step to decrease the overall size of the data transmission as claimed, but rather applies an error code for the transmission of the data header and payload. Olds therefore maintains a similar data rate for a given data header and payload in an uncompressed state, and does not address the problem specifically solved by the claimed invention.

The claimed invention, in comparison to Olds, calls for a method including a forward link including *packet compressing* only the data payload of a first data stream, leaving the header uncompressed. The claimed packet compression operation results in a

decreased payload size which lowers the required data rate for transmission, while maintaining the header in an uncompressed state allows the plurality of airborne segments to identify the proper data recipient. This is discussed in the original specification at paragraph 28, and illustrated in Figure 3. Claim 1 recites a method of transmitting data including "... packet compressing [the] first data stream into a packet compressed first data stream including:

[a] data header in an uncompressed state to maintain [the] routing information; and

[a] data payload in a compressed state; . . ."

It is therefore respectfully submitted that Olds does not anticipate the present invention, nor does it render Applicants' invention obvious when combined with Campanella. Applicants further note that claims 2 – 21 depend from claim 1. Thus, Applicants assert that all of the claims are in condition for allowance for the reasons set forth above regarding claim 1. In view of the foregoing amendments and remarks, reconsideration and withdrawal of the rejections are respectfully requested.
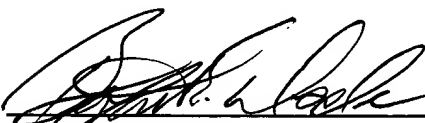

## CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the

Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: June 20, 2005

By: _____

Bryant E. Wade
Reg. No. 40,344

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

BEW/sdo